LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022324\
Data File : VV034370.D
Acq On : 23 Feb 2024 12:56
Operator : SY/MD
Sample : P1566-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV034370.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.195	38	48	52	rBV	18758	28940	9.65%	1.133%
2	1.282	68	75	83	rVB	49228	50942	16.98%	1.994%
3	1.343	83	94	117	rBV	26779	109527	36.51%	4.287%
4	1.536	147	154	167	rVB	44115	53325	17.78%	2.087%
5	2.060	308	317	335	rVB	93621	144058	48.03%	5.639%
6	3.828	856	867	893	rBV2	17545	67942	22.65%	2.659%
7	4.253	984	999	1026	rBV3	50723	132827	44.28%	5.199%
8	4.960	1205	1219	1250	rBV2	119340	299959	100.00%	11.741%
9	5.539	1388	1399	1428	rBV	101345	210152	70.06%	8.226%
10	5.992	1525	1540	1567	rBV	65419	137645	45.89%	5.388%
11	6.921	1820	1829	1845	rBV2	22040	42854	14.29%	1.677%
12	7.246	1917	1930	1955	rBV	152636	267912	89.32%	10.487%
13	7.564	2021	2029	2049	rBV2	9991	20728	6.91%	0.811%
14	8.031	2166	2174	2206	rBV	104155	217972	72.67%	8.532%
15	8.786	2398	2409	2436	rBV	151674	253068	84.37%	9.906%
16	10.156	2825	2835	2851	rBV2	39957	64264	21.42%	2.515%
17	11.185	3145	3155	3177	rBV	150208	240786	80.27%	9.425%
18	11.561	3261	3272	3293	rBV	135274	211902	70.64%	8.294%

Sum of corrected areas: 2554803

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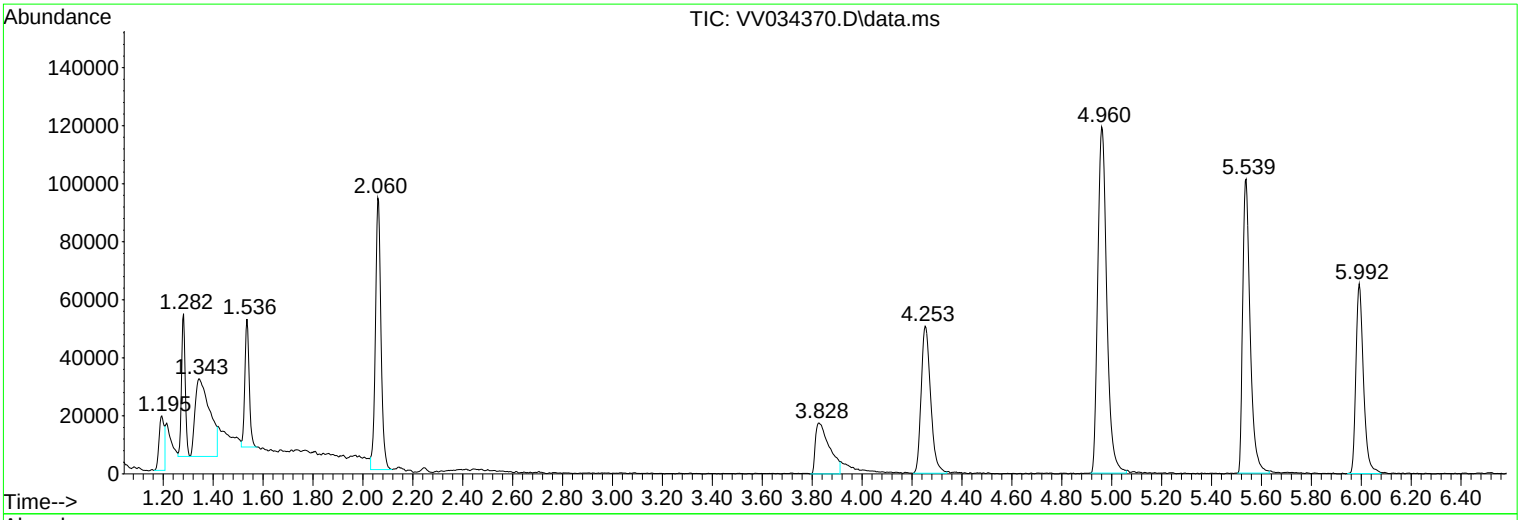
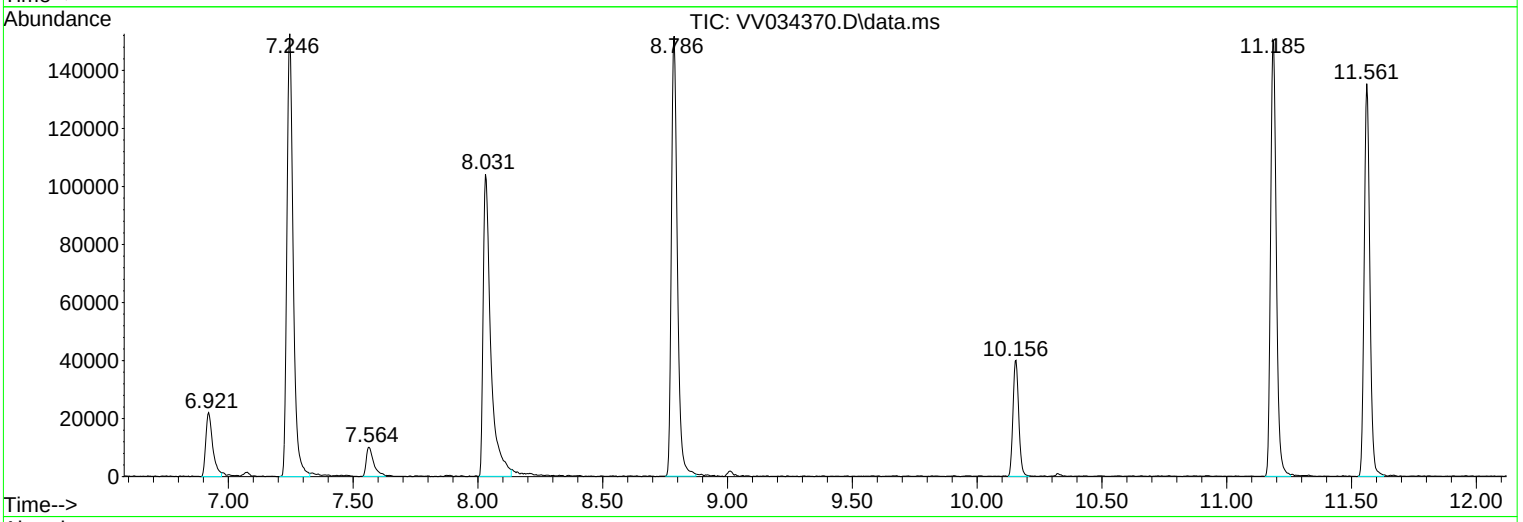
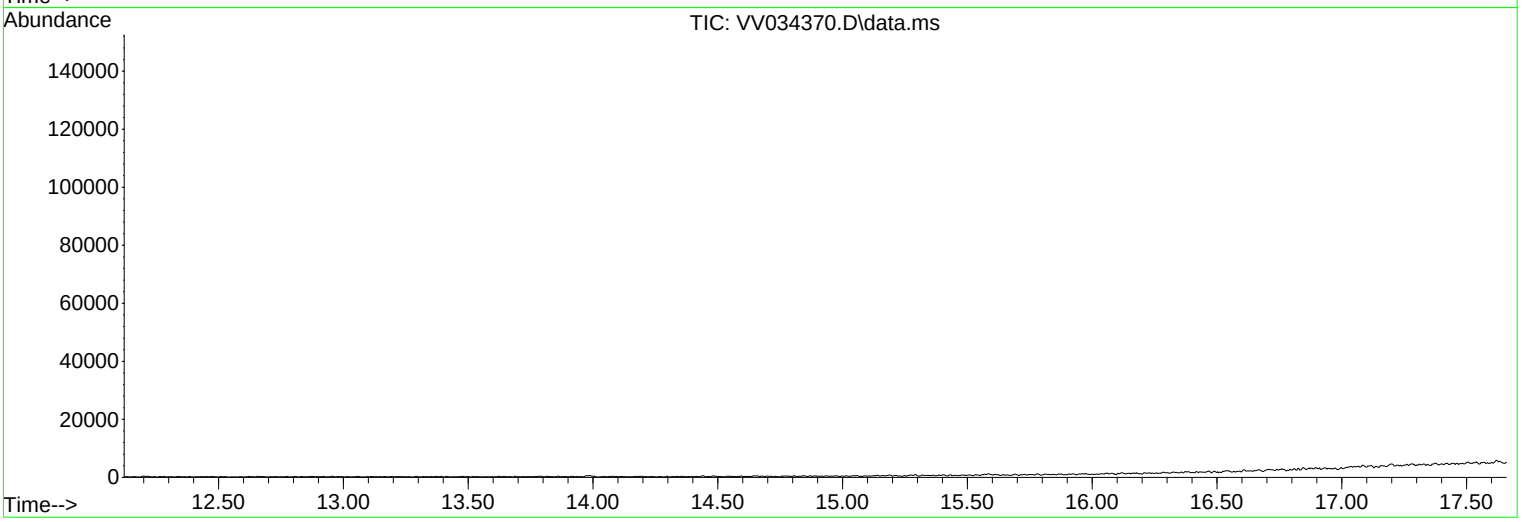
Instrument :
MSVOA_V
ClientSampleId :

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022324\
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Instrument :
MSVOA_V
ClientSampleId :

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.195	0.69 ug/L	28940	1,4-Difluorobenzene	5.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	74
2	Sulfur dioxide	64	O2S	007446-09-5	74
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9

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Peak Number 2 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.343	2.61 ug/L	109527	1,4-Difluorobenzene	5.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	74
2	Sulfur dioxide	64	O2S	007446-09-5	74
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9

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Peak Number 3 Thiophosgene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.921	1.02 ug/L	42854	1,4-Difluorobenzene	5.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophosgene	114	CCl2S	000463-71-8	38
2	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	37
3	.alpha.,.alpha.-Dichloromethyl m...	114	C2H4Cl2O	004885-02-3	23
4	n-Propyl chloride	78	C3H7Cl	000540-54-5	9
5	n-Propyl chloride	78	C3H7Cl	000540-54-5	9

Tentatively Identified Compound (LSC) summary

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MSVOA_V
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	1.195	0.7	ug/L	28940	1	5.539	210152	5.0
Sulfur dioxide	1.343	2.6	ug/L	109527	1	5.539	210152	5.0
Thiophosgene	6.921	1.0	ug/L	42854	1	5.539	210152	5.0